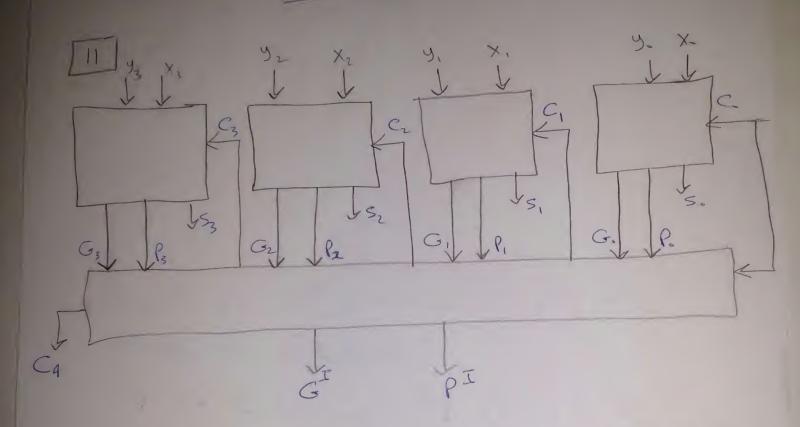
V miles

## sheet 6



$$C_1 \longrightarrow 2$$

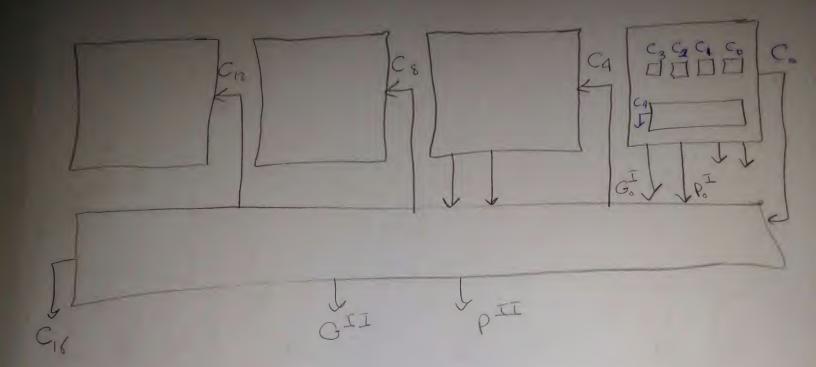
$$C_2 \rightarrow 3$$

$$C_3 \longrightarrow 4$$

 $G^{I} \rightarrow 4$ 

19

Tille



C3 (C2 (C4 (C6 Levises - C16 1 C12 (C8 (C4

Levises - C16 1 C12 (C8 (C4

Levises - C16 1 C12 (C8 (C4

C4

C4

C5 C2 (C4 (C6 Levises - C16 1 C12 (C8 (C4

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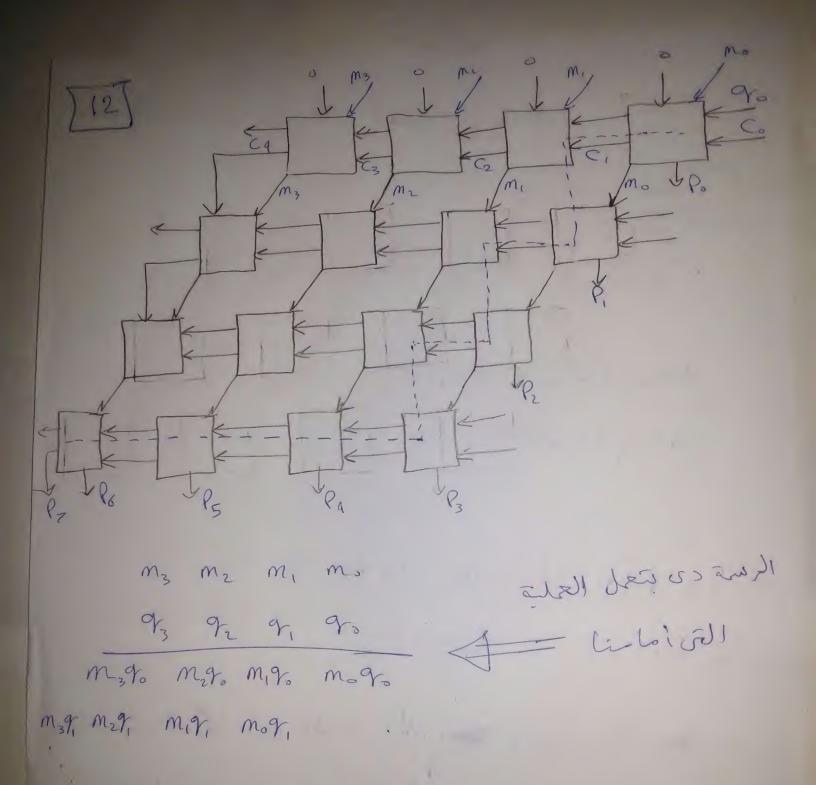
C4 C4 C4

C4 C4 C4

C4 C

$$B-Cells = 31 * 4 = 124$$
 $C \longrightarrow 19$ 
 $143$ 
 $20 - 123$ 

2 Sec 7



P3 P2 Po

[3] Sec 7

السؤال هنا على أسوء delay على أسوء

Note

Sylpple

Call
Sylpple

S

delay (c) = 8 = 2n

de(ay (sum) 57 = 2n-1

501

1+4(n-2)+2n=1+4n-8+2-6n-7=6(n-1)-1

14 sec 7

B=110110 A= 010111 Booth ع عشای نوتر ب الرفتس فی بعجب هنر در (ه) ی کا و نستوى التغيير اللي هيعهل ونونينه للرقم الناكى. 60->1 01->+1 B= 1101100 040 14 010111 0-1+10-10 000 000 000 000 11111101001 0 0 0 0 0 0 0 0 0 111010000 1100001 0000000 111100011010

[5] Sec7

000000100

X18

AsoloIII

B=110110

Bit Pairing

)6) Sec 7

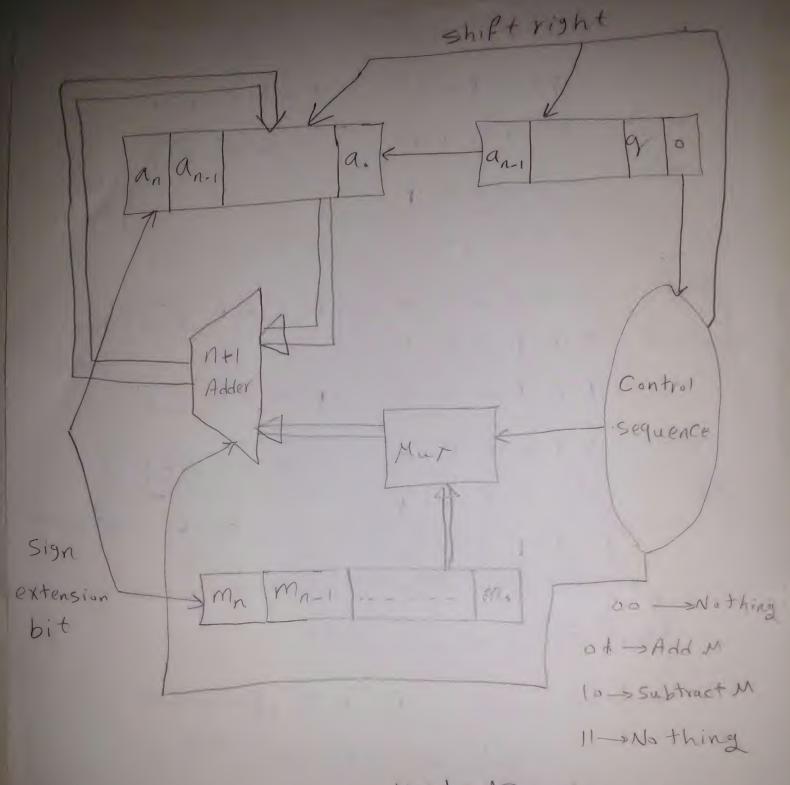
B=1101100 1 15 2 x 4 1 200 loi 5 38 010111 -1 +2 -2 Est Shift den Elit 280 jasloie 2 2 0100 A 0010 Shift den il 5 -2 x v jan d 2's Complement Il cust 9 مكانفاجي -1 +2/-2 X 111111010010 0000101110 < 2-bit 1100001 111100011010

7 Sec 7

B=1011000 A=110011 110011 -1 -1 0 000000000000 00011016 0 0 1 1 0 1 00100000000 B = 00101 A = 10 101 (\*) (non-restoring division) placed into a A 000000 10101 M 000 101 Q shift 6 000001 111011 Subtract 111100 01010 1 1 1000 1010 22nd Eycle Shift Add 11110101000

علق الحداكة 0 1010 111101 Shift Add 100 Shift Subtract 0 1110 Shift 10 0 0 0 Add خارج الفسة 11100 series essus actives

[9] Sec 7



ے دہ کا منتکل علق الفری دسی الرسم من au de hérbloses (dSis 0) Booth

JU Sec 7